

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5930022").PN.	USPAT; USOCR	OR	OFF	2005/10/14 15:49
S2	2	modulator\$1 same (differential) same substrate\$1 same (transmission with line\$1) same resistor\$1 same inductance\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:25
S3	2170	(359/245,248,254).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:23
S4	6897	(385/1-3,14,130,131).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:24
S5	8829	S3 or S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:24
S6	7926	S5 and @ad<="20030411"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:24
S7	2	modulator\$1 same (differential) same substrate\$1 same (transmission with line\$1) same resistor\$1 same inductance\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:27
S8	242	S5 and (modulator\$1 with series)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:38
S9	8850	(modulator\$1 with series)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:45

S10	163	S9 and (substrate\$1 with line\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:45
S11	984	S9 and ((differential or driver) with circuit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:46
S12	512	S9 and (semiconductor\$1 with modulator\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:46
S13	4728	S9 and (resist\$1 or induct\$5 or capacit\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:47
S14	7	S10 and S11 and S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 15:47

INTERFERENCE EAST SEARCH HISTORY CASE # 10/805,289

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(modulator\$1 with series with differential with substrate\$1 with transmission with line\$1 with resist\$5 with induct\$5).clm.	US-PGPUB	OR	OFF	2005/10/14 15:50

**EAST Search Results Case No. 10/805,289**

US 5930022 A	USPAT	Driving circuit for electro-absorption optical modulator	359/248
US 6914706 B2	USPAT	Optical modulator	359/245
US 20040202397 A	DERWENT	Differential drive semiconductor optical modulator for optical transmission system, has two semiconductor modulators mounted on substrate arranged in series along axis, and inductances interposed between modulators and resistors	
US 20040067006 A1	US-PGPUB	Transmitter photonic integrated circuit ( TxPIC) chips	385/14
US 20040202397 A1	US-PGPUB	Differential drive semiconductor optical modulator	385/2
US 20050025409 A1	US-PGPUB	Submount for a photonic integrated circuit (PIC) chip	385/14

NPL SEARCH (INZZ) HISTORY CASE 10/805,289

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## Advanced Search:


INZZ - 1969 to date (INZZ)

limit

Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	modulator\$1 WITH series	unrestricted	257	<a href="#">show titles</a>
2	INZZ	1 AND substrate\$1 WITH line\$1	unrestricted	0	-
3	INZZ	1 AND (differential OR driver) WITH circuit\$1	unrestricted	2	<a href="#">show titles</a>
4	INZZ	1 AND semiconductor\$1 WITH modulator\$1	unrestricted	12	<a href="#">show titles</a>
5	INZZ	4 AND (resist\$1 OR induct\$5 OR capacit\$5)	unrestricted	0	-

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 Information added since:  or:  none   
 (YYYYMMDD)

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- ☒ Classification codes A: Physics, 0-1
- ☒ Classification codes A: Physics, 2-3
- ☒ Classification codes A: Physics, 4-5
- ☒ Classification codes A: Physics, 6
- ☒ Classification codes A: Physics, 7
- ☒ Classification codes A: Physics, 8
- ☒ Classification codes A: Physics, 9
- ☒ Classification codes B: Electrical & Electronics, 0-5
- ☒ Classification codes B: Electrical & Electronics, 6-9